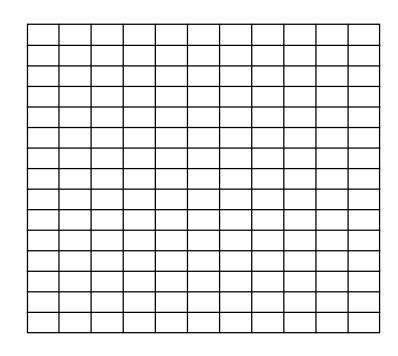
SUSSPOT NUMBERS

Astronomers have been observing and recording the number of sunspots for hundreds of years. After analyzing the data, astronomers have determined that sunspots increase and decrease over an 11-year cycle. Listed below are the amount of sunspots seen in December of each year over an 11-year period. Make a line graph of the number of sunspots seen for each of the years listed below. Be sure to add the years and the scale for counting the number of sunspots.

1991-144 sunspots
1992-82 sunspots
1993-48 sunspots
1994-26 sunspots
1995-10 sunspots
1996-13 sunspots
1997-41 sunspots
1998-81 sunspots
1999-84 sunspots
2000-104 sunspots
2001-132 sunspots

NUMBER OF SUNSPOTS



YEARS

Answer the following questions about your data and the graph.

1.	According to this data, in what year did astronomers see the most amount of sunspots? The least?
2.	If the amount of sunspots seen follows the same pattern, what do you predict will be the number of sunspots seen in 2006? 2012?
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3.	As the number of sunspots increases, what do you think will happen on Earth?

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